

AMENDMENT UNDER 37 C.F.R. § 1.111

U. S. Appln. No. 10/606,966

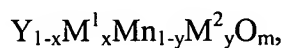
Attorney Docket No. Q76312

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A dielectric material composition, comprising a metal oxide having a formula of:



wherein

M^1 is ~~Y~~, Ho, Er, Yb, Tm, or Lu;

M^2 is Ti, Zr, V, Mo, Mg, Cu, Ti, La, Ce, Cr, or Zn;

x is a number of 0 to 1;

y is a number ~~of 0 to 1~~ greater than 0 and less than 1;

and

m satisfies the principle of electrical neutrality for the metal oxide.

2. (original): The dielectric material composition as claimed in claim 1, wherein M^1 is Y, Er, or Yb.

3. (original): The dielectric material composition as claimed in claim 2, wherein M^1 is Y.

4. (original): The dielectric material composition as claimed in claim 1, wherein M^2 is Ti, La, Ce, Cr, or V.

5. (original): The dielectric material composition as claimed in claim 4, wherein M^2 is Ti.

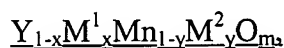
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6. (original): The dielectric material composition as claimed in claim 1, wherein x is a number of 0 to 0.1.

7. (currently amended): ~~The dielectric material composition as claimed in claim 1,~~
~~wherein y is a number of 0.35 to 0.65~~A dielectric material composition, comprising a metal
oxide having a formula of:



wherein

M¹ is Ho, Er, Yb, Tm, or Lu;

M² is Ti, Zr, V, Mo, Mg, Cu, Ti, La, Ce, Cr, or Zn;

x is a number of 0 to 1;

y is a number of 0.35 to 0.65; and

m satisfies the principle of electrical neutrality for the metal oxide.

8. (currently amended): ~~The dielectric material composition as claimed in claim 1,~~
~~wherein the metal oxide is YMn_{1-y}Ti_yO, 0.35 ≤ y ≤ 0.65~~A dielectric material composition,
comprising a metal oxide having a formula of:



wherein

y is a number of 0.35 to 0.65; and

m satisfies the principle of electrical neutrality for the metal oxide.

9. (original): The dielectric material composition as claimed in claim 1, wherein the dielectric material composition is manufactured from a method of solid state reaction.

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10. (original): The dielectric material composition as claimed in claim 1, wherein the dielectric material composition is manufactured from a method of liquid phase reaction.

11. (original): The dielectric material composition as claimed in claim 1, wherein the dielectric material composition is in a bulk form.

12. (original): The dielectric material composition as claimed in claim 1, wherein the dielectric material composition is in a film form.

13. (original): The dielectric material composition as claimed in claim 1, wherein the dielectric constant of the dielectric material composition is more than 29.

14. (original): The dielectric material composition as claimed in claim 13, wherein the dielectric constant of the dielectric material composition is more than 350.

15. (original): The dielectric material composition as claimed in claim 1, wherein the quality factor of the dielectric material composition is more than 450.

16. (original): The dielectric material composition as claimed in claim 15, wherein the quality factor of the dielectric material composition is more than 650.